Index of Claims

| Application/Co | ontrol No. |
|----------------|------------|
|----------------|------------|

10/808,320

Examiner

Woo H. Choi

Applicant(s)/Patent under Reexamination

KANAI ET AL.

Art Unit

2189

X Rejected
= Allowed

(Through numeral)
Cancelled

÷

Restricted

Non-Elected
I Interference

A Appeal
O Objected

|                 |  | Ŀ.              |          |          |  |              | J  |          |              | <u> </u> |
|-----------------|--|-----------------|----------|----------|--|--------------|--|----------|--------------|----------|
| Cla             | aim  | Date            |          |          |  |              |  |          |              |          |
| Oie             | 1  | $\vdash$        |          |          |  |              |  | _        | _            | Г        |
| Final           | Original   | 90/11/9         | 3/15/07  | 11/2/07  | ;  |              |  |          |              |          |
|                 | 1  | х               | =        | =        | ╁─   |              | <del>                                     </del> | $\vdash$ | $\vdash$     |          |
|                 | 2  | X               | =        | =        | -  |              | $\vdash$   | Η.       | <del></del>  | $\vdash$ |
|                 | 3  | х               | =        | =        |  |              | _  | -        |              | ┢        |
|                 | 4  | Х               | =        | =        | H  | <u> </u>     | İ  |          |              | Г        |
|                 | 1<br>2<br>3<br>4<br>5                              | Х               | =        | =        |  |              |  |          |              |          |
|                 | 6  | Х               | =        | =        |  |              |  |          |              |          |
|                 | 7  | Х               | =        | II       |  |              |  |          |              |          |
|                 | 8  | Х               | =        | =        |  |              |  |          |              |          |
|                 | 9  | Х               | =        | =        |  |              |  |          |              |          |
|                 | 10   | Х               | =        | =        |  |              |  |          |              |          |
|                 | 11   | Х               | =        | =        | $ldsymbol{ld}}}}}}$ |              | _  | <u>_</u> |              |          |
| <u> </u>        | 12   | Х               | =        | ╚        | <u> </u>   | Ŀ            | <u> </u>   | <u> </u> | L.           | <u>L</u> |
|                 | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 | <u> </u>        | <u> </u> | <u> </u> | ├_   | <del> </del> | <u> </u>   | <u> </u> | <u> </u>     | _        |
| -               | 14   | -               | <u> </u> | <u> </u> | -  | <u> </u>     | <del> </del>                                     | <u> </u> | <u> </u>     | ⊢        |
|                 | 15   | -               | _        |          | -  | ├            | <del> </del> -                                   | ├_       | <u> </u>     | ├        |
|                 | 10   | -               |          | -        | ┝  | ┢            | ├—   | _        | -            | <u> </u> |
|                 | 10   | ┝               | _        | _        | $\vdash$   | -            | ⊬  | -        | _            | <u> </u> |
|                 | 10   | $\vdash$        | _        |          | ┝  |              | ├  |          | <del> </del> | <u> </u> |
|                 | 20   | -               | _        | _        | ├  | ├            |  |          | ┝            |          |
| $\vdash$        | 21   | $\vdash$        |          |          | ├-   | -            |  | -        | _            | -        |
| $\vdash$        | 22   | <u> </u>        |          |          | <del> </del>   |              |  |          | <u> </u>     | -        |
|                 | 21<br>22<br>23                                     |                 |          |          | $\vdash$   | -            | _  | ┢        | _            | $\vdash$ |
|                 | 24   |                 |          |          |  |              | _  | $\vdash$ | _            | H        |
|                 | 24<br>25<br>26<br>27<br>28                         |                 |          |          | _  |              |  | $\vdash$ |              | _        |
|                 | 26   |                 |          |          |  | Г            |  |          |              |          |
|                 | 27   |                 |          |          |  |              |  |          |              |          |
|                 | 28_  |                 |          |          |  |              |  |          |              |          |
|                 | 29<br>30   |                 |          |          |  |              |  |          |              |          |
|                 | 30   |                 |          |          |  |              |  |          |              |          |
|                 | 31   |                 |          |          |  |              |  |          |              |          |
|                 | 32<br>33   |                 |          |          |  |              |  | L.,      |              |          |
|                 | 33   | Щ               |          |          |  | <u> </u>     | _  | $\vdash$ | _            | _        |
| <u> </u>        | 34   | $\vdash \vdash$ |          | _        |  | <u> </u>     | <u> </u>   | <u> </u> | L.           | <u> </u> |
| $\vdash$        | 35<br>36   | Н               |          |          |  | $\vdash$     |  | $\vdash$ | <u> </u>     | _        |
|                 | 37   | Н               |          |          |  | $\vdash$     | $\vdash$   | <u> </u> | <u> </u>     | -        |
| $\vdash$        | 30   | Н               | -        | <u> </u> | <u> </u>   | ├-           | _  | $\vdash$ |              |          |
|                 | 38<br>39   | Н               | _        | -        |  | $\vdash$     | <u> </u>   | $\vdash$ | H            |          |
|                 | 40   | -               |          |          | -  | $\vdash$     | $\vdash$   |          | _            | <u> </u> |
| $\vdash$        | 41   | $\vdash$        |          | -        |  | $\vdash$     |  |          | -            | -        |
|                 | 42   | $\vdash$        | -        | -        |  | $\vdash$     |  |          |              | _        |
|                 | 43   | $\vdash$        |          |          |  | $\vdash$     | Н  | $\vdash$ |              |          |
|                 | 44   |                 |          |          |  | $\vdash$     |  | $\vdash$ |              | П        |
|                 | 45   |                 |          |          |  |              |  |          |              |          |
|                 | 46   |                 |          |          |  |              |  |          |              |          |
|                 | 47   |                 |          |          |  |              |  |          |              |          |
| oxdot           | 48   |                 |          |          |  |              |  |          |              |          |
| $\sqcup \sqcup$ | 49   |                 |          |          |  |              |  |          |              |          |
|                 | 50   |                 |          |          |  |              |  |          |              |          |

| Cla         | aim                              | Γ  |  |  | _  | Dat  | Α  |  |              |  |
|-------------|----------------------------------|--|--|--|--|--|--|--|--------------|--|
|             | i                                | H  | Τ-   | Т  | т.   |  | Ť  | Г  | Г            | Ι  |
| ज           | Original                         |  |  |  |  |  | ١  |  |              | l  |
| Final       | <u> </u>                         |  |  |  | ŀ  |  | 1  |  |              | 1  |
| _           | 0                                |  |  |  |  |  | l  | ŀ  |              | l  |
| <u> </u>    | 51                               | ╁  |  | $\vdash$   | ├  | ╁╌   | ┢  | ┢  | -            | ⊢  |
| _           | 51<br>52<br>53                   | $\vdash$   | $\vdash$   | <del>                                     </del> | _  | H  |  | ╌  | ╁            | $\vdash$   |
|             | 53                               |  | $\vdash$   | 一  | ┢  | $\vdash$   | $\vdash$   |  | _            | -  |
|             | 54                               | Ė  | ┢  | $\vdash$   | ┢  | -  | 1  | $\vdash$   | ┢╾           | -  |
|             | 54<br>55                         | 1  | ┢  | $\vdash$   | 1  |  | $\vdash$   | -  | $\vdash$     | -  |
|             | 56                               | $\vdash$   | $\vdash$   | ╁╌╴  | ┢  |  |  |  | 1            |  |
| -           | 57                               | _  |  | t  | <u> </u>   |  | 1  | $\vdash$   | $\vdash$     |  |
|             | 58                               | $\vdash$   | _  | ┢  | 1  |  | $\vdash$   | <del>                                     </del> | Η.           |  |
|             | 59                               | $\vdash$   | $\vdash$   | t  | <del> </del>                                     |  | <b>-</b>   | $\vdash$   | $\vdash$     | -  |
|             | 60                               | <b>—</b>   | $\vdash$   | t  | <b>-</b>   |  |  | $\vdash$   | $\vdash$     | -  |
|             | 61                               | <del>                                     </del> | $\vdash$   | t  | ┢  |  | _  | 1  | $\vdash$     | -  |
|             | 62                               | $\vdash$   | <del>                                     </del> | <del>                                     </del> | $\vdash$   |  | <del> </del>                                     | $\vdash$   |              | <del>                                     </del> |
|             | 63                               | $\vdash$   | <del>                                     </del> | $t^-$  | <del>                                     </del> | $\vdash$   | $\vdash$   | -  | <del> </del> |  |
|             | 64                               | $\vdash$   | $\vdash$   | $t^-$  | ✝  | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$     | <del>                                     </del> |
|             | 64<br>65<br>66                   |  | $\vdash$   | 1  | <del>                                     </del> | H  | -  | _  | $\vdash$     | $\vdash$   |
|             | 66                               | -  | ┢  | ╁  | $\vdash$   | $\vdash$   | <del>                                     </del> | -  | ⊢            | -  |
| $\vdash$    | 67                               | -  | ┞  | t  | ┢  | H  | -  | <del>                                     </del> | $\vdash$     | -  |
| _           | 68                               | ┢  | _  | ┢  | -  | $\vdash$   | -  | -  |              |  |
|             | 69                               | $\vdash$   | -  | $\vdash$   | $\vdash$   | ┢  | ١  | -  |              | H  |
| <del></del> | 70                               | -  | -  | -  | -  | $\vdash$   | $\vdash$   | -  | -            | $\vdash$   |
| _           | 71                               | _  | -  | ╁  |  | $\vdash$   | <del> </del>                                     | _  |              | -  |
| <b>├</b>    | 72                               |  | $\vdash$   | $\vdash$   | ┢  | -  | ├  | -  | $\vdash$     | -  |
| -           | 73                               |  | ┢┈   | $\vdash$   | -  | $\vdash$   | -  | _  | $\vdash$     | -  |
| $\vdash$    | 74                               | -  | $\vdash$   | -  | ┝  | -  | ┢  | -  | -            | $\vdash$   |
|             | 70<br>71<br>72<br>73<br>74<br>75 |  | _  | ┢  | ┢  | ┢╌   | $\vdash$   | $\vdash$   | $\vdash$     | -  |
| <u> </u>    | 76<br>77<br>78                   |  | _  | ┪  | $\vdash$   | -  | _  | Ι.   |              | ┢  |
| <u> </u>    | 77                               |  |  |  | $\vdash$   | -  | _  | $\vdash$   |              | -  |
| -           | 78                               |  |  | <u> </u>   | <u> </u>   | _  | $\vdash$   | $\vdash$   | _            | _  |
|             | 79                               |  |  | <del> </del>                                     | Ι  |  |  |  | _            |  |
|             | 80                               |  | _  | $\vdash$   | _  |  |  | _  |              | -  |
|             | 81                               | _  | _  | $\vdash$   | $\vdash$   |  |  |  | -            | _  |
|             | 82                               |  |  | 一  | $\vdash$   |  | $\vdash$   | <del> </del>                                     | $\vdash$     | _  |
|             | 82<br>83                         | -  | -  | <del>                                     </del> | $\vdash$   | Н  | _  | -  | $\vdash$     |  |
|             | 84                               |  | <u> </u>   |  | <del>                                     </del> | $\vdash$   | $\vdash$   |  | $\vdash$     | $\vdash$   |
| <u> </u>    | 85                               |  | $\vdash$   |  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   |              | <u> </u>   |
|             | 86                               | <del>                                     </del> | $\vdash$   | H  | _  | $\vdash$   |  | $\vdash$   | $\vdash$     | $\vdash$   |
|             | 87                               |  | <del> </del>                                     | $\vdash$   | $\vdash$   | $\vdash$   |  | _  |              | $\vdash$   |
|             | 88                               |  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   |  | -  | Н            | $\vdash$   |
|             | 89                               | -  | _  | $\vdash$   | <b>—</b>   | $\vdash$   |  | Н  | Η-           | $\vdash$   |
|             | 90                               |  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | <del></del>                                      | $\vdash$     | $\vdash$   |
|             | 91                               | $\vdash$   | _  |  |  | <del>                                     </del> | $\vdash$   |  |              |  |
|             | 92                               |  | _  |  |  | <del>                                     </del> | $\vdash$   |  |              |  |
|             | 93                               |  |  |  |  | $\vdash$   | $\vdash$   | -  |              | H  |
|             | 94                               |  |  |  |  | $\vdash$   | $\vdash$   | -  |              | Н  |
|             | 95                               |  |  |  | $\vdash$   | $\vdash$   |  |  |              | Н  |
|             | 96                               |  |  | $\vdash$   |  | _  |  |  |              |  |
|             | 97                               |  |  |  |  |  |  |  |              |  |
|             | 98                               |  |  |  |  |  |  |  |              | $\Box$   |
|             | 99                               |  |  |  |  |  |  |  |              |  |
|             | 400                              |  |  | $\overline{}$                                    | _  | _  | -  | $\vdash$   | -            | $\vdash$   |

| Cla             | aim                             |   |          |          |             | Date   | e        |    |          |                |
|-----------------|---------------------------------|---|----------|----------|-------------|--|----------|----|----------|----------------|
| Final           | Original                        |   |          |          |             |  |          |    |          |                |
|                 | l                               |   |          |          |             | ļ  |          |    |          |                |
|                 | 101<br>102                      |   |          |          | ļ.,,        | L  |          |    |          | П              |
|                 | 102                             | _ | ļ        | ┢        | ├           | ╁  | -        | ┡  | -        | $\vdash$       |
| <u> </u>        | 103<br>104<br>105               | ┝ | -        | ┢        | $\vdash$    | H  | ┢        | ╁  |          | $\vdash$       |
|                 | 105                             |   |          |          |             |  |          |    |          |                |
|                 | 106<br>107                      |   | _        |          |             |  |          |    |          |                |
|                 | 107                             | _ | ⊢        | ├        | ⊢           |  | -        | ├- | _        | $\vdash$       |
| -               | 109                             | _ | -        | -        | -           | -  |          |    | -        | $\vdash$       |
|                 | 110                             |   |          |          |             |  |          |    |          | Н              |
|                 | 111                             |   |          |          |             |  |          |    |          |                |
|                 | 112<br>113                      |   | _        | _        | _           | _  |          | _  | _        | Н              |
| -               | 114                             | - | $\vdash$ |          | $\vdash$    |  |          | -  | -        | $\vdash\vdash$ |
|                 | 114<br>115                      |   |          |          | _           | <del>                                     </del> |          |    |          | $\vdash$       |
|                 | 116                             |   |          |          |             |  |          |    |          |                |
| ļ               | 117                             | _ | _        |          | _           | _  | _        | _  | Ŀ        | Ш              |
| $\vdash$        | 118<br>119                      | _ | -        | ┝        | -           | <del> </del>                                     | _        | -  | -        | $\vdash$       |
| H               | 120                             | - | -        |          |             |  | H        | -  | $\vdash$ | Н              |
|                 | 120<br>121<br>122               |   |          |          |             | ļ  |          | ·  | F        | П              |
|                 | 122                             |   |          |          |             |  |          |    |          |                |
| _               | 123<br>124<br>125<br>126<br>127 |   | _        | -        | _           | -  | _        | _  |          |                |
|                 | 125                             |   | _        | $\vdash$ | ┝           | <del> </del>                                     | $\vdash$ |    | H        |                |
|                 | 126                             |   |          |          |             |  |          |    |          |                |
|                 | 127                             |   |          |          |             |  |          | _  |          |                |
| $\vdash$        | 128<br>129<br>130               |   | L        | _        |             | -  | <u> </u> | -  |          | Н              |
| $\vdash$        | 130                             |   |          |          | $\vdash$    | $\vdash$   | -        | _  | _        | -              |
|                 | 131<br>132<br>133               |   |          | _        |             | <u> </u>   |          | -  |          |                |
|                 | 132                             |   |          |          |             |  |          |    |          |                |
|                 | 133                             |   | _        | -        | L           | _  | <u></u>  |    |          | _              |
| $\vdash$        | 134<br>135                      | _ | _        | H        | -           | -  |          |    |          |                |
|                 | 136                             |   | -        | H        | _           |  | _        | -  |          | $\exists$      |
|                 | 137<br>138                      |   |          |          |             |  |          |    |          |                |
| $\vdash \vdash$ | 138                             | _ | Ļ        | _        | <del></del> |  | L        |    |          | $\Box$         |
| $\vdash$        | 139<br>140                      |   | _        |          |             | $\vdash$   |          |    |          | $\dashv$       |
| $\vdash$        | 141                             |   |          |          | -           | _  | _        | _  |          | $\dashv$       |
|                 | 142                             |   |          |          |             |  |          |    |          |                |
| <u> </u>        | 143                             |   |          | _        | _           | $oxed{\Box}$                                     |          |    |          |                |
| $\vdash$        | 144<br>145                      | _ | <u> </u> | H        | _           | $\vdash$   | -        | H  | $\vdash$ |                |
|                 | 146                             |   | H        | _        | _           | H  | -        | _  | -        | $\dashv$       |
|                 | 147                             |   |          |          |             |  |          |    |          |                |
| $\vdash \vdash$ | 148                             |   |          |          | Ŀ           | Щ  |          |    |          | Щ              |
| $\vdash \dashv$ | 149<br>150                      |   | _        |          |             | Н  | H        | -  | $\dashv$ | $\dashv$       |
|                 | 130                             |   | Щ.       |          | _           | L  |          | ш  |          |                |